

S W A L L O W
Or A NEW
A L M A N A C K

for the Year of our
L O R D G O D
1 6 7 8.

Being the second after the Bissextile or Leap-
year, and from the Worlds Creation,
5682.

Calculated properly for the famous
University and Town of Cambridge.

Where the Pole Artick is elevated 52 degrees
and 17 minutes above the Horizon.

Omnia false metis tempus.

C A M B R I D G E,
Printed by *John Hayes*, Printer to
the University, 1 6 7 8.

The Common Notes and Moveable Feasts for the year of our Lord God 1678.

The Golden number is
The Cycle of the Sun

The Epact

The Dominical Letter

Shrove-sunday

Easter-day

Ascension-day

Whitsunday

Trinity-sunday

Advent-sunday

Feb. 10

March 11

May 9

May 19

May 26

Decemb. 1

The Anatomy of mans body.



The names of the 12 Signs, with the parts of mans body
which they are said to govern.

- | | |
|-------------------------|--------------------------|
| ♈ Aries Head and Face | ♎ Libra Reins and Loyns |
| ♉ Taurus Neck & Throat | ♏ Scorpio Secret members |
| ♊ Gemini Arms & Shoul. | ♐ Sagittarius the Thighs |
| ♋ Cancer Breast & Stom. | ♑ Capricornus the Knees |
| ♌ Leo Heart and Back | ♒ Aquarius the Legs |
| ♍ Virgo Bowels & Belly | ♓ Pisces the Feet |

Swallow 1678.

The Terms with their Returns for this year.

Hilary Term begins Janu-
ary 23, and ends February
12, and hath 4 returns, viz. { Octab. Hilar. Jan. 20
Quind. Hilar. Jan. 27
Craft. Purif. Febr. 3
Octab. Purif. Febr. 10

Easter Term begins April 17
ends May 13, and hath 5 re-
turns. { Quind. Pasch. April 15
Tres Pasch. April 22
Mens. Pasch. Apr. 29
Quind. Pasch. May 6
Craft. Ascen. May 10

Trinity Term begins May 31
and ends June 19, and hath 4
returns, { Craft. Trin. May 27
Octab. Trin. June 4
Quind. Trin. June 11
Tres Trin. June 18

Michaelmas Term begins Octo-
ber 23, end November, 28 and
hath 6 returns. { Tres Mich. Octob. 20
Mens. Mich. Octob. 27
Craft. anim. Nov. 3
Craft. Mart. Nov. 12
Octob. Mart. Nov. 19
Quind. Mart. Nov. 26

Note that the Exchequer openeth 8 days before any
Term begins, except the Term of Trinity, in which it
openeth but 4 days before.

The curious bright shining Planet Venus, from the be-
ginning of the year until the 9 of April, is our glorious
evening Star; and after that day, untill the end of the year
is our bright morning Star, she being become Oriental
of the Sun.

Swallow 1678.

A Regal Table in a more exact manner.

The Year, Moneth, and Day, (accounting the Year to be- gin Jan. 1.) whereon every K. and Q. of Eng. since the Conq. began their Reign.			The number of Years, Moneths, & Days, that eve- ry K. & Q. reign- ed da. to a mon.			The num. of y. expired in this y. since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14	207	11 m	22 d	1612		
W. Rufus	1087	Sept. 9	127	11 m	18 d	591	W Conq.	
Henry	1100	August 2	357	4 m	11 d	578	W. Rufus	
Stephen	1135	Decem. 1	187	11 m	18 d	543	Henry	1
Henry	1154	Octob. 25	347	9 m	2 d	524	Stephen	2
Richard	1189	July 6	97	9 m	0 d	489	Henry	2
John	1199	April 6	177	7 m	0 d	479	Richard	1
Henry	1216	Octob. 19	567	1 m	0 d	462	John	1
Edward	1272	Nov. 16	347	8 m	6 d	406	Henry	3
Edward	1307	July 7	197	7 m	5 d	571	Edward	1
Edward	1327	Jan. 25	507	5 m	7 d	352	Edward	2
Richard	1377	June 21	227	3 m	14 d	301	Edward	3
Henry	1399	Sept. 29	137	6 m	3 d	279	Richard	2
Henry	1413	Marc. 20	97	5 m	24 d	265	Henry	4
Henry	1422	Aug. 31	387	6 m	16 d	255	Henry	5
Edward	1461	March 4	227	1 m	8 d	218	Henry	6
Edward	1483	April 9	07	2 m	18 d	195	Edward	4
Richard	1483	June 22	27	2 m	5 d	195	Edward	5
Henry	1485	Aug. 22	237	10 m	24 d	193	Richard	3
Henry	1509	April 22	377	10 m	2 d	169	Henry	7
Edward	1547	Jan. 28	67	5 m	19 d	132	Henry	8
Q. Mary	1553	July 6	57	4 m	22 d	125	Edward	6
Q. Elizab.	1558	Nov. 17	447	4 m	15 d	120	Q. Mary	
K. James	1603	Mar. 24	317	0 m	3 d	76	Q. Elizab.	
Charles	1625	Mar. 27	227	10 m	3 d	53	K. James	
Charles	1649	Jan. 30	Long live the King			29	K. Charles	1

The use of this Table in Example.

King Henry 8 began his Reign in the year of Christ 1509, April 22. He Reigned 37 years, 10 moneths, and 2 days. It is since he began his Reign 169 years compleat the 22 of April this year 1678. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall therefore find 132 years since he died, January 28. And so of the rest.

Jan-

January hath xxxi days.

Last quarter 13 day, 5 min. past 9 in the morning

New moon 12 day, 4 min. past 7 at night

First quarter 19 day, 2 min. past 3 afternoon

Full moon 27 day, at 5 in the morning

1	a	Circumcision	Virgo	0	21	
2	b	O ^{ct} . Stephen		12	22	At the beginning of this moneth in-different good weather.
3	c	O ^{ct} ab. John		24	23	
4	d	O ^{ct} ab. Inno.	Libra	6	24	
5	e	Sim ^{on}		19	25	
6	f	Epiphany	Scorp.	1	26	
7	g	Julian		15	27	
8	a	Lucian		28	28	
9	b	Adrian ab.	Sagit.	12	29	Cloudy and high wind with cold storms.
10	c	Sun in aqua		27	30	
11	d	Pyg ⁱⁿ	Capr.	12	1	
12	e	Benedict		28	2	
13	f	1 aft. Epiph.	Aquar.	12	3	
14	g	Hilary Bish.		28	4	
15	a	Mauritius	Pisc.	13	5	
16	b	Marcellus		27	6	
17	c	Anthony	Aries	11	7	
18	d	Wissa		25	8	
19	e	Wolfstan	Taur.	8	9	
20	f	2 aft. Epiph.		21	10	Frosty air.
21	g	Vincent m.	Gem.	3	11	
22	a	Emerint		15	12	Cold rain, or snow.
23	b	Term begins		27	13	
24	c	Timothy b.	Canc.	9	14	
25	d	Conv. S Paul		21	15	Not so cold.
26	e	Holycarp.	Leo	3	16	
27	f	3 aft. Epiph.		15	17	
28	g	Carolus m.		27	18	
29	a	Gildas Ab.	Virgo	9	19	
30	b	K. Ch. mart.		21	20	
31	c	Saturn	Libra	3	21	

February hath xxviii days.

Last quarter the 4 day, 54 min. past 3 afternoon
 New moon the 11 day, 45 min. past 5 in the evening
 First quarter the 18 day, at 9 before noon
 Full moon the 26 day, 15 min. past noon.

M.	W.	Festival days with Terms	Moons place.	S. pl.	Inclination of the air.
1	D	Bridget fast	Libra 16	23	
2	E	Candlemas	28	24	Clear frosty weather.
3	F	Sexagesima	Scorp. 11	25	
4	G	Cranch	24	26	
5	A	Agatha M.	Sagitt. 8	27	
6	B	Dorothy M.	21	28	
7	C	Barnwald	Capr. 6	29	
8	D	Saint in Poles	20	X	
9	E	Apollonia	Aquar. 5	1	
10	F	Quinquagesima	21	2	About the middle of this moneth cold rain or snow,
11	G	Euphrosina.	Pisc. 6	3	
12	A	Shrovetide	21	4	
13	B	Ashwednesd.	Aries 6	5	
14	C	Valentine	20	6	
15	D	Faustine	Taur. 3	7	
16	E	Holicron	17	8	
17	F	Quadragesima	29	9	
18	G	Simeon	Gem. 12	10	
19	A	Sabine	24	11	
20	B	Robert week	Canc. 6	12	
21	C	Timbert	18	13	High winds and storms towards the end.
22	D	Cath. Pet.	Leo 0	14	
23	E	Serenus fast	12	15	
24	F	S. Marthins	23	16	
25	G	Johan. Fish.	Virg. 6	17	
26	A	Agastin	18	18	
27	B	Fortunatus	Libra 0	19	
28	C	Oswald bish.	13	20	

March hath xxxi days.

Last quart. 6 day, 53 min. past 1 in the morning
 New moon 12 day, 54 min. past 5 in the evening
 First quarter 20 day, 4 min. past 4 in the morning
 Full moon 28 day at 4 in the morning

1	D	David B.	Libra	25	21	
2	E	Chad B.	Scorp.	8	22	This moneth
3	F	3 fund. in lent		21	23	begins with
4	G	Adrian m.	Sagit.	4	24	cold stormy
5	A	Ensebius		18	25	weather.
6	H	Frederick	Capr.	1	26	
7	C	Aquinas		16	27	
8	D	Felix	Aquar.	0	28	
9	E	40 Martyrs		15	29	
10	F	Midlent sun.		29	30	
11	G	Gregory P.	Pisces	14	1	Noe much
12	A	Oswin m.		29	2	alteration.
13	H	Wigan	Aries	14	3	
14	C	Leo Bish.		28	4	
15	D	Longine	Taur.	11	5	
16	E	Cyril		25	6	
17	F	5 sun. in lent	Gem.	8	7	
18	G	Patrick		20	8	
19	A	Joseph	Canc.	2	9	
20	H	Rupert		14	10	
21	C	Aphrodias		26	11	
22	D	Theodore	Leo	8	12	
23	E	Egbert B.		20	13	
24	F	Palm-sunday	Virgo	2	14	Good wea-
25	G	Lady day		14	15	ther for seed
26	A	Castulus		26	16	time towards
27	H	Archibald	Libra	9	17	the end.
28	C	Fremond m.		22	18	
29	D	Eustach	Scorp.	5	19	
30	E	Guido		18	20	
31	F	Easter day	Sagit	1	21	

April hath xxx days.

Last quarter 4 day, 6 min. past 8 in the morning

New moon 11 day, at 3 in the morning

First quarter, 18 day 48 min. past 7 at night

Full moon 26 day, 5 min. past 3 in the morning

1	B	Con. M. M.	Sagit.	15	22	I
2	a	Francis con.		28	22	Windy and
3	b	Richard B.	Capr.	12	23	cloudy wea-
4	c	Ambrase		26	24	ther.
5	d	Vincent	Aquar.	10	25	
6	e	Sixtus		25	26	
7	f	Low Sunday	Pisc.	9	27	
8	g	Dufanus		23	28	Seasonable
9	a	Fritthstan	Aries	8	29	about this
10	b	Sun in Taur.		21	8	time.
11	c	Leo Pope	Taur.	6	1	
12	d	Julius		19	2	
13	e	Hermingild.	Gem	3	3	
14	f	2 aft. Easter		16	4	
15	g	Offwald b.		28	5	
16	a	Adoze	Canc	10	6	
17	b	Term begins		21	7	
18	c	Offwin M.	Leo	4	8	Wind with
19	d	Alphege		16	9	some wet.
20	e	Sulpittus		28	10	
21	f	3 aft. Easter	Virgo	10	11	
22	g	Sothcz p. m.		22	12	
23	a	S. GEORGE.	Libra	4	13	
24	b	Mellitus		17	14	Good wea-
25	c	Mark Evan	Scorp.	0	15	ther ends the
26	d	Cletus		13	16	moneth.
27	e	Anastasing		27	17	
28	f	4 aft. Easter	Sagit	21	18	
29	g	Peter m.		25	19	
30	a	Katherine	Capr.	9	20	

May hath xxxi days.

Last quarter 3 day, at 2 afternoon

New moon 10 day, at 54 min. past 2 afternoon

First quarter 18 day, at 3 afternoon

Full moon 26 day, 50 min. past 3 in the morning

1	b	Philip & Jac.	23	21	
2	c	Athanasius	Aquar. 7	22	
3	d	Invent eric	21	22	
4	e	Pontica M.	Pisc. 5	23	This moneth
5	f	Regation sun.	19	24	begins with
6	g	John Port lat	Aries 3	25	wind and
7	a	John of Bev.	19	26	rain.
8	b	Spas. M.	Taur. 1	27	
9	c	Holy Thurd.	14	28	
10	d	Sun in G.m.	18	29	
11	e	Anthony	Gem. 11	II	
12	f	Sun. af. Ascen.	23	I	
13	g	Term ends	Canc. 6	2	Not much
14	a	Boniface	18	3	alteration.
15	b	Sophia	Leo 0	4	
16	c	Peregrine	12	5	
17	d	Trans. S. B	24	6	
18	e	Schwald bis.	Virg. 6	7	
19	f	Whiesunday	18	8	
20	g	Ethelbert	Libra 0	9	
21	a	Timothy	12	10	
22	b	Ember week	25	11	Good wea-
23	c	Desiderius	Scorp. 8	12	ther towards
24	d	Brandinus	21	13	the end
25	e	Urban	Sagit 5	14	of this
26	f	Trinity sund	20	15	moneth.
27	g	Weda. ven.	Capr. 4	15	
28	a	Jonas Ab.	19	16	
29	b	K. Cha. 2 nat.	Aquar. 3	17	
30	c	Corpus Chri.	18	18	
31	d	Term begins	Pisc. 2	19	1

June hath xxx days.

Last quarter 1 day, at 7 at night

New moon 9 day, 7 min. past 3 in the morning

First quarter 17 day, 40 min 6 in the morning

Full moon 24 day, at 11 before noon

1	L	Damphilus	Pisces	16	20	
2	F	1 aft. Trin.	Aries	0	21	Thunder
3	G	Grasmas		14	22	with some
4	a	Petrilius		27	23	hail storm.
5	b	Boniface	Taur	11	24	
6	c	Robert bish.		24	25	
7	d	Paul bish.	Gem.	7	26	
8	e	Medard		19	27	
9	F	2 sun. af. Trin.	Canc.	2	28	Good wea-
10	G	Margaret		14	29	ther for
11	a	S. Barnabas		26	30	many days.
12	b	Blandine	Leo	8	1	
13	c	Anthony		20	2	
14	d	Corp. Christi	Virg.	2	3	
15	e	Crescentia		14	4	
16	F	3 after Trin.		26	4	
17	G	Botolph	Libra	8	5	
18	a	Marcus		20	6	
19	b	Term ends	Scorp.	3	7	Thunder
20	c	Edward K.		16	8	and some
21	d	Walburg		29	9	wett.
22	e	Viban mart.	Sagit.	13	10	
23	F	4 aft. Trin.		28	11	
24	G	S. John Bap.	Capr.	13	12	
25	a	Amphibalus		28	13	
26	b	Leo Bish.	Aquar.	13	14	Good wea-
27	c	Crescens		28	15	ther.
28	d	Leo P. fast	Pisces	12	16	
29	e	S. Peter Apo.		27	17	
30	F	5 aft. Trin.	Aries	11	18	

July hath xxxi days.

Last quarter 1 day, 20 min. past 1 in the morning

New moon 8 day, 56 min. past 5 afternoon

First quarter 16 day, at 8 at night

Full moon 23 day, 25 min. past 6 at night

Last quarter 30 day, 4 min. past 10 before noon

1	G	Ramswald	Aries	24	19	
2	a	Visit Mary	Taur.	8	20	
3	b	Hiacynthus		21	21	Wet wea-
4	c	Elizabeth	Gem.	3	22	ther but
5	d	Anselme		6	23	warm.
6	e	Hector		28	24	
7	f	after Trin.	Canc.	11	24	
8	g	Grumbald		23	25	
9	a	Cyrl	Leo	5	26	
10	b	7 Brethren		17	27	
11	c	Wine bis.		29	28	
12	d	Henry	Virgo	11	29	
13	e	Sumard		23	Ω	
14	f	7 after Trin.	Libra	5	1	Missing, cold
15	g	Whitthn B.		17	2	rain about
16	a	Osmond		29	2	this time.
17	b	Alexus	Scorp.	11	3	
18	c	Robins		24	4	
19	d	Dog days be.	Sagit.	8	5	
20	e	Margaret m.		22	6	
21	f	8 aft. Trin.	Capr.	6	7	
22	g	Wate Wag.		21	8	
23	a	Apollinaris	Aquar.	6	9	Good wea-
24	b	Christian fa.		21	10	ther for hay-
25	c	S. James Ap.	Pisces	7	11	makers.
26	d	Anna		22	12	
27	e	Martha	Aries	6	13	
28	f	9 aft. Trin.		20	14	
29	g	Beatrice	Taur.	4	15	
30	a	Edon		17	16	
31	b	Ignatius	Gem.	0	17	

August hath xxxi days.

New moon the 7 day, 46 min. past 8 in the morning
 First quarter 15 day at 9 in the morning
 Full moon 22 day, 6 min. before 1 in the afternoon
 Last quarter 28 day, 34 m. past 9 at night

1	c	Lammas day	Gem.	13	18	
2	d	Stephen M.		25	19	
3	e	Inuent Ste.	Canc.	8	20	Seasonable
4	f	10 aft. Trin.		20	21	weather for
5	g	Festum min.	Leo	2	22	the time.
6	a	Trans. Chz.		14	23	
7	b	Donatus		26	24	
8	c	Cyrilac	Virg.	8	25	Cold rain.
9	d	Roman		20	26	
10	e	S. Aswren.	Libra	2	27	
11	f	11 aft. Trin.		14	28	
12	g	Clare virg.		26	29	Thunder
13	a	Sun in Virg.	Scorp.	8	30	about the
14	b	Eusebius		21	1	middle of the
15	c	Assump. of M.	Sagit	3	2	moneth.
16	d	Roche M.		17	3	
17	e	Sammes	Capr.	0	4	
18	f	12 aft. Trin.		15	5	
19	g	Clinton b.		29	6	
20	a	Bernard B.	Aquar.	14	7	
21	b	Richard bis.	Pisces	0	8	
22	c	Timotheus		15	9	Good harvest
23	d	Zachens fast	Aries	0	10	weather to
24	e	S. Barthol.		15	11	the moneths
25	f	13 aft. Trin.		29	12	end.
26	g	Sepherthus	Taur.	13	13	
27	a	Dog days end		27	13	
28	b	Augustine b.	Gem.	10	14	
29	c	Decol. J. Bap.		22	15	
30	d	Felix	Canc	5	16	
31	e	Adrian B.		17	17	

September hath xxx days.

New moon the 4 day, 15 min. past 11 at night
 First quarter the 13 day, 56 min. past 8 at night
 Full moon the 20 day, 30 min. past 9 in morning
 Last quarter 27 day at 1 afternoon.

1	F	14 after Trin.		29	18	
2	G	Adama Ab.	Leo	11	19	
3	A	Lupus		29	20	
4	H	Enbert	Virgo	5	21	Very good
5	C	Altopia		16	22	weather for
6	D	Magnus		28	23	the season of
7	E	Danstan	Libra	11	24	the year.
8	F	15 aft. Trin.		23	25	
9	G	Gorgonius	Scorp.	5	26	
10	A	Nicholas		18	27	
11	H	Maurice	Sagit.	0	28	About the
12	C	Canwilde		13	29	middle of the
13	D	Sun in Libra		26	30	moneth
14	E	Exalt. Cruc.	Capr.	10	1	high wind
15	F	16 after Trin.		24	2	with wet.
16	G	Cornelius	Aquar.	8	3	
17	A	Socrates		23	4	
18	H	Ember week	Pisc.	8	5	
19	C	Fausta		22	6	
20	D	Eustach. fast	Aries	8	7	
21	E	S. Matthew		23	8	Good wea-
22	F	Ordination	Taur.	8	9	ther.
23	G	Eloras		22	10	
24	A	Samuel	Gem.	5	11	
25	H	Cleophas		18	12	
26	C	Justin	Canc.	1	13	
27	D	Col. & Dam.		13	14	Wind and
28	E	Wenceslaus		24	15	cold rain.
29	F	S. Mich. arc.	Leo	7	16	
30	G	S. Hierom.		19	17	

October hath xxxi days.

New moon the 5 day, at 7 at night
 First quarter the 13 day, 6 min. before 3 in the morning
 Full moon the 19 day, 27 min. before 12 at night
 Last quarter the 27 day, 29 min. before 7 in the morn.

1	a	Remigius	Virg.	1	18	
2	b	Acobegar		13	19	This moneth begins with clouds and dark weather.
3	c	Candide		25	20	
4	d	Francis	Libra	7	21	
5	e	Constance		19	22	
6	f	19 after Trin.	Scorp.	2	23	
7	g	Mark		14	24	
8	a	Demetrius		27	25	
9	b	Dennis mar.	Sagit.	10	26	
10	c	Paulin		23	27	
11	d	Burchard	Capri	7	28	
12	e	Wilfred		21	29	High winds and wet.
13	f	Sho in Scorp.	Aqua.	4	m	
14	g	Calistus		19	1	
15	a	Hedewide	Pisc.	3	2	
16	b	Gallus		18	3	
17	c	Andrey virg.	Aries	2	4	
18	d	S. Luke Evan.		17	5	
19	e	Potolome	Taur.	1	6	
20	f	21 aft. Trin.		16	7	Better wea- ther.
21	g	Hilarian	Gem.	0	8	
22	a	Cordula		13	9	
23	b	Term begins		26	10	
24	c	Salome	Canc	9	11	
25	d	Crispine		21	12	
26	e	Amandus	Leo	4	13	The moneth ends with wet weather.
27	f	22 aft. Trin.		16	14	
28	g	Simon & Ju.		27	15	
29	a	Eadane	Virg.	9	16	
30	b	German		21	17	
31	c	Quintin fast	Libra	3	18	

November hath xxx days.

New moon 4 day, 18 min. before 6 in the morning

First quarter 11 day, 50 min. before noon

Full moon 18 day, at 9 in the morning

Last quarter 26 day, 19 min. before 6 in the morning

1	D	All saints	Libra	15	19	
2	E	All souls		28	20	
3	F	23 after Trin.	Scorp.	10	21	Good weather for the season.
4	G	Witsals		23	22	
5	A	Powder plot	Sagit.	6	23	
6	B	Leonard		20	24	
7	C	Wildebrode	Capr.	4	25	
8	D	Claudian		17	26	
9	E	Theodorus	Aquar.	1	27	
10	F	24 after Trin.		15	28	About this time expect high winds and violent storms.
11	G	Martin bish.		29	29	
12	A	Sun in Sagit	Pisces	14	1	
13	B	Eugenius		28	2	
14	C	Frederick	Aries	12	3	
15	D	Leopold		26	4	
16	E	Edmund B.	Taur.	10	5	
17	F	25 aft. Trin.		24	6	
18	G	Dedicat Eccl.	Gem.	8	7	
19	A	K. Ch. 1 Nat.		21	8	
20	B	Edmund R.	Canc.	4	9	
21	C	Oblat. Mary		17	10	Jupiters trine with Venus ends the moneth with good weather.
22	D	Cleely bish.		29	11	
23	E	Clement W.	Leo	12	12	
24	F	26 aft. Trin.		24	13	
25	G	Catherine	Virg.	5	14	
26	A	Beier		17	15	
27	B	Wda bish.		29	16	
28	C	Term ends	Libra	11	17	
29	D	Saturn fast		23	18	
30	E	S. Andrew	Scorp.	6		

December hath xxxi days.

New moon the 4 day, 30 min. before 1 in the morning
 First quarter the 10 day, 10 min. after 7 at night
 Full moon the 18 day, 17 min. before 1 in the morning
 Last quarter 26 day, 30 min. before 4 in the morning

1	F	Advent-sund.	Scorp.	18	19	This moneth begins with high-winds, with rain or snow.
2	G	Wibeana	Sagit.	2	20	
3	a	Lucius R.		15	21	
4	b	Barbara		29	22	
5	c	Abbas ab.	Capr.	13	23	
6	d	Nicholas		27	25	
7	e	Ambrose	Aqua.	12	26	
8	F	2 sund. Adv.		26	27	
9	G	Leocadia	Pisces	10	28	
10	a	Damascus		25	29	
11	b	Sun in Capr.	Aries	9	W	Frosty clear weather.
12	c	Epimachus		23	1	
13	d	Lucan m.	Taur.	6	2	
14	e	Nicholas		20	3	
15	F	3 sun. in Ad.	Gem.	3	4	
16	G	O Sapientia		16	5	
17	a	Lazarus	Canc.	0	6	
18	b	Ember week		12	7	
19	c	Demetrius		25	8	
20	d	Julian fast	Leo	7	9	
21	e	S. Thomas		20	10	Good wea- ther for the season.
22	F	4 sun. in Adv.	Virgo	2	11	
23	G	Victorian		13	12	
24	a	Ad. & C. fast		25	13	
25	b	Christ born	Libra	7	14	
26	c	S. Stephen		19	15	
27	d	S. John	Scorp.	1	16	
28	e	Innocents		14	17	
29	F	sun afr. Chr.		26	18	
30	G	Eustach	Sagit.	9	19	
31	a	Silvester.		23	20	

S W A L L O W.
the latter part of this
A L M A N A C K
for the Year of our
L O R D G O D
1 6 7 8.

Being the first after Bissextile or Leap-
year, and from the Conquest of
England by William Duke
of Normandy 612 years.

Wherein is contained the Eclipses, the
time of the Suns entrance into the Car-
dinal signs, with some observations there-
upon, as also the reason of the Names of
the Constellations, with Rules and Tables
for measuring, sowing and planting, and
the Fairs Corrected.

*Poma dat Autumnus: formosa est messibus Aestas:
Ver prabet flores: Igne levatur Hyems.*

C A M B R I D G E,
Printed by *John Hayes*, Printer to
the University. 1678.

Swallow 1678.

Of the Eclipses this year.

THere will happen this year five Eclipses; three of the Sun, and two of the Moon.

The first will be of the Sun, *April 11* at 3 in the morning: not visible to us, but may be seen in *Tartary* and to such as sail in the *Cossine* sea.

The second is of the Moon, *April* the 25, in 16 deg. of *Scorp.* near 5 in the aftern. not visible to us: but it will be total and almost central in *Persia*, *Arabia Felix*, it may be seen of those in the *Mediterranean* and *Baltick* Seas, and the East of *Germany*.

The third will be of the Sun, *October 5* about 5 of the Clock in the even. but it will be very small in it self, and the Sun just setting as to us, when he begins to enter his *Ecliptical* limits cannot be seen of us: it happens near the fixed star called the *Virgins Spike* what is to be seen, is to those far South.

The fourth will be of the Moon *Octob. 19*, at 8 at night, and in the first deg. of *Taurus*, it will be visible to most parts of Europe, its beginning and continuance will be visible to the more Northern parts of *America*, and to such as Navigate near the *Alphonse* islands, to them it appears total: this Eclipse hapning just in the *Dragons Tail*.

The fifth will be of the Sun on *Novemb. the 9*, about 9 in morn. in 21 deg. of *Scorpio*: this will be but a small Eclipse, the Luminaries being distant from the North Node about 16 deg. visible to those that sail in the Northern Seas.

On the 25 of *March* this year happens a partile Conjunction of *Mars* and *Jupiter*: their Longitude and Lat. being equal, *Mars* Eclipsing *Jupiter* 45 min. before Sun rise.

of

Swallow 1678.

Of the Suns entrance into the four Cardinal Signs.

HE enters *Aries* March the 10 day 10 minutes past 3 in the morning.

No sooner doth *Sols* shining Chariot roule
From th' Equinox, toward the Northern Pole,
To sport him for three moneths i' th' pleasant Inns
Of *Aries*, *Taurus*, and the gentle Twins,
But that the mealeie mountains (late unseen)
Change their white garments into lusty green;
The Gardens prank them with their flowry buds,
The Meads with grass; with leaves the naked woods,
Sweet *Zephyrus* begins to buss his *Flora*,
Swift-winged Singers to salute *Aurora*,
And wanton *Cupid* through this Universe, (pierce.
With pleasing wounds, all creatures hearts doth

The summer quarter begins at the Suns entrance into
Cancer, which will be this year the 11 of *June* at 3
min. past 6 in the morning.

When backwards bent, *Phlegon Sols* fiery steed,
With *Cancer*, *Leo*, and the Maid doth feed; (*Ceres*
Th' earth cracks with heat, and summer crowns his
With gilded ears, as yellow as her hair is;
The Reaper panting both for heat and pain,
With crooked Rasor shaves the tufted plain;
And the good husband, that due season takes,
Within a moneth his years provision makes.

The Autumnal quarter begins the 12 of *September*, 56
min. past 9 at night.

When from Mid-Heaven *Sols* bright flame doth fly,
Toward the Cross-stars in th' Antartick sky,

Swallow 1678.

To be three moneths uprising and down-lying
With *Scorpio*, *Libra*, and the Archer flying,
Th' earth by degrees, her lovely Beauty bates,
Pomona loads her lap with delicates,
Her Apron and her Oſier Basket both,
With dainty fruits for her deer *Autumns* tooth,
Her healthleſs ſpouſe who barefoot hops about,
To tread the juyce of *Bacchus* Cluſters out.

The Winter quarter enters the 11 of *December*, 52 min.
paſt 11 before noon.

Where laſt of all, great *Sol's* proud trampling Teem,
For three moneths more, to ſojourn ſtill doth ſeem,
With *Capricorn*, *Aquarius*, and the Fiſhes,
While we in vain, invoke him with our wiſhes,
Inſtead of Flowrs, Chill Shivering winter dreſſes,
With Iceſickles, her (ſelf bald) borrowed Treſſes;
About her brows a Periwig of ſnow,
Her white free ze mantle fring'd with ice below,
A pair of Lamb-lin'd Buſkins on her Feet,
So doth ſhe march *Orythia's* love to meet;
Who with his briftled, hoary, Beagle-Beard,
Coming to kiſs her, makes her lips aſear'd;
Whereat he ſigh's a breath ſo cold and keen,
That all the waters Cryſtallized been,
While in a fury with his boyſtrous wings,
Againſt the Scythian ſnowy rocks he flings,
All luſks in ſloath: and till theſe months do end,
Bacchus and *Vulcan* both muſt us befriend.

Dubartus (in the fourth part of the ſecond day of his
ſecond week) ſheweth why the Heavenly Conſtellati-
ons may be called by thoſe names which *Aſtronomers*
have given them upon a double account. As firſt *Aries*,
or the *Ram* may be ſo called becauſe the Air is then of a
tem-

temperate heat, and the earth beginneth to be fleeced over with graſs, *Taurus* or the *Bull*, becauſe the husbandman at that time, with his Bulls, or Oxen doth tear up the fields *Gemini* or the *Twins*, becauſe about that time kind *Cupid* unites Sexes together, of moſt creatures. *Cancer* or the *Crab*, becauſe the Sun entring that ſign he ſeems to go backwards. *Leo* or the *Lion*, becauſe of the great heat which uſually happeneth at that time, *Virgo* or the *Maid*, becauſe the earth then like a ſcornfull Maid, begins to loath the love-glances of the Sun, without whom ſhe would be but barren. *Libra* or the *Balance*, becauſe the Sun coming to that point maketh the days and nights of equal length as they were in the Spring. *Scorpio* or the *Scorpion*, becauſe his piercing ſting brings the firſt tidings of cold *Winter*. *Sagittarius* or the *Dart*, becauſe about that time, froſts, and ſnows, like Darts do hurt the Vegetable and living creatures. *Capricornus* or the *Goat* becauſe as the Goat is a creature which delights to climb upon Rocks, ſo the Sun entring that ſign begins again to aſcend toward us in theſe Northern parts. *Aquarius*, and *Piſces*, may be ſo called, becauſe of the moiſture (either ſnow or rain) which uſually falleth when the Sun is in thoſe ſigns, &c.

In the ſecond place applying the Conſtellations to Scripture the *Ram* may ſignifie the *Paschal Lamb*; the *Bull* the calf which the *Iſraelites* worſhipped; the *Twins*, *Jacob* and *Eſau*; the *Crab* *Solomon* who went backward from virtue to vice; the *Lion*, that which was ſlain by *Samſon* or *David*; the *Maid*, the *Virgin Mary*; the *Balance*, that wherewith King *Lemuel* weighed the Juſtice of his land; the *Scorpion*, that which bit *S. Paul* by the hand, the Archers *Hagars* ſon *Iſhmael*; the Waterman *S. John Baptiſt*; the Fiſhes thoſe wherewith our Saviour fed five thouſand people; and thus he goeth on with the other Conſtellations, but I ſhall conclude with ſome of his verſes, ſhewing that ſuch figures in Heaven are patterns of things in earth, and the reaſon of their being placed there.

The Eternal Trine-one, spreading even the Tent
Of th' All enlightning glorious Firmament,
Fill'd it with figures, and in various marks,
There pourtray'd Tables of his future works;
And sacred patterns, which to serve all ages,
Th' A'mighty printed on Heavens ample stages.

See here the pattern of a silver Brook;
Which in and out on th' Azure stage doth Crook;
Here th' Eagle plays; there flies the rav'ning Crow;
Here swims the Dolphin; there the Whale doth rowe;
Here bounds the Courser: there the Kid doth skip;
Here smoaks the Steer; the Dragon there doth creep:
There's nothing precious in Sea, Earth, or Air,
But hath in Heaven, some like resemblance fair.
Yea even our Crowns, Darts, Lances, Skeyns, and Scales,
Are all but Copies of Heav'ns principals.

*Some short and easie directions for Measuring
of Land.*

THat my Readers may be furnished with variety of
Rules and Tables, and because sometimes they may
have occasion to know the content of some Cloſes, or
pieces of land lying in the open field (and not having a
Surveyor near hand) I shall here give you some easie
rules for measuring of square, long, or Triangular land.
First then get a chain, or cord, of two Pole, or 33 foot in
length, and divide it into halves, and quarters, or else
get a Pole of wood 16 foot and half long, and divide it
as before. In the next place he is to know that 40 square
Pole, or Perch, make one Rood, 80 half an acre, 120
three Roods, and 160 one acre, this known let him pro-
ceed to measure as followeth.

If land be juſt ſquare like to this figure A B C D,
then multiply the ſide in it ſelf, and the produſt ſheweth
how many ſquare Rod is contained in the ſaid piece
of land.

Example;

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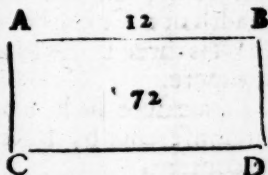
Example, suppose the square $A B C D$ to be a piece of land, and the side thereof to contain 10 Rod. therefore multiply 10 in it self, and the product is 100, that is half an acre and half a Rood, and so much that piece of land containeth.



But if you cannot multiply, you may account it by your memory, saying 10 times 10 is an 100, or else take half the sum saying 5 times 10 is 50, which being doubled is 100 as before, if the square had been 8 Rod, the piece had contained 64 Rod, if the square had been 12 Rod it had contained 144 Rod, that is 3 Roods and 24 Pole.

If land lie in the form of a long square, (that is lands of that length which we commonly call Fur-longs,) having the opposite sides equal, like the following figure, $A B C D$, then multiply the length by the breadth, and the product is the content.

Example, suppose this figure $A B C D$ to be a piece of land, whose length $A B$ (equal to $C D$) is 12 Perches, or Pole, and the breadth $A C$ 6 Rod, now if you multiply 12 by 6 the product will be 72, and so many pole doth the said piece of land contain which is 1 Rood and 32 Pole.



After this manner may all kind of lands in open fields be measured; for though the one end may be broader then the other, yet the breadth being taken at both ends, add them together, and take half the sum for the true breadth.

Example, the length of a land being 44 pole, and the breadth at one end 5 Pole, and at the other end 3 Pole,

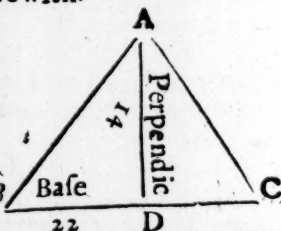
B 4

which

which added together make 8, the half thereof being 4 is the true breadth : then say 4 times 44 is 176, that is 1 Acre, and 16 Pole, for the content of the said piece of land.

If land lie in the shape of a Triangle, like the following figure, you must multiply the Perpendicular by half the Base, and the product sheweth the content. Take notice that the greater side of the Triangle is called the Base, whereupon the Perpendicular (that is the direct line coming from the opposite Angle) must fall square-wise, that is making right Angles therewith.

Suppose the Triangle A B D C to be a piece of land, whose Base is 22 Rod or Perches, and the Perpendicular A D 14 Rod, which 14 I multiply by half the Base which is 11, and the product is 154, the content of the said piece of land, that is 3 Roods and 34 Pole, wanting but 6 Pole of an Acre.



If at any time you have land lying just in the form of a Circle, you must know that the proportion of the Diameter to the Circumference is as 7 to 22, that is if the breadth of a Circle be 7 the Compass of it will be 22, which is three times as much as the Breadth and one 7 part more.

To measure such a piece of land, multiply half the Circumference by half the Diameter, and the product is the content.

Example, in a Circle whose greatest Breadth is 14 Rod, and therefore the Compass 44 Rod, now I multiply 22 which is half the Compass, by 7 being half the Diameter, and the product 154 is the content of the said piece of land, that is 3 Roods and 34 Pole as in the former example.

Swallow 1678.

A Table of round Timber measure.

Inches	Feet	Inches	10 part of Inc.	10 part of a 10 part.	Inches	Inches	10 part of Inc.	10 part of a 10 part
1	113	01	7	1	16	5	3	0
2	28	03	4	2	17	4	6	9
3	12	06	8	5	18	4	1	9
4	7	00	8	5	19	3	7	6
5	4	06	3	0	20	3	3	9
6	3	01	7	1	21	3	1	1
7	2	03	7	0	22	2	8	0
8	1	09	2	3	23	2	5	6
9	1	04	7	6	24	2	3	5
10	1	01	5	7	25	2	1	7
11		01	2	2	26	2	0	0
12		09	4	2	27	1	8	6
13		08	0	3	28	1	7	3
14		06	9	2	29	1	6	1
15		06	0	3	30	1	5	1

In these Tables the Inch for exactness is divided into an hundred parts. The use of this Table for round Timber is thus: Gird your piece about with a string in the midst, and with a quarter of the compass enter this Table, finding the Inches in the first Column towards the left hand, and then right forward in the 4 next Columns are the Feet, Inches, and parts of an Inch (in length,) which make a Foot of that piece.

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A Table of Square Timber measure.

Inches	Feet	Inches	10 parts of In.	10 part of a 10 part.	Inches	Inches	10 part of Inc.	10 part of a 10 part.
1	144	00	0	0	16	6	7	5
2	36	00	0	0	17	5	9	7
3	16	00	0	0	18	5	3	3
4	9	00	0	0	19	4	7	8
5	4	09	1	2	20	4	3	2
6	3	00	0	0	21	3	9	1
7	2	11	2	6	22	3	5	7
8	2	03	0	0	23	3	2	6
9	1	09	3	3	24	3	0	0
10	1	05	2	8	25	2	7	6
11	1	02	2	8	26	2	5	5
12	1	00	0	0	27	2	3	7
13		10	2	2	28	2	2	0
14		08	8	1	29	2	0	5
15		07	6	8	30	1	9	2

The use of this Table is like the former, onely herein you will see the error which Carpenters use in taking a quarter of the Circumference of square Timber, for the true square thereof. (making no difference between square Timber and round) which you will find is here contrary, they making their foot too long, for against 7 Inches square you will find a foot 11 Inches, two tenths of an Inch and something more go to one foot.

A Table for board measure.

Inches	Feet	Inches	10 part of an Inch.	10 part of a 10 part.	Inches	Inches	10 part of an Inch.	10 part of a 10 part.
1	12	00	0	0	16	9	0	0
2	06	00	0	0	17	8	4	7
3	04	00	0	0	18	8	0	0
4	03	00	0	0	19	7	5	7
5	02	04	8	0	20	7	2	0
6	02	00	0	0	21	6	8	5
7	01	08	5	7	22	6	5	4
8	01	06	0	0	23	6	2	6
9	01	04	0	0	24	6	0	0
10	01	02	4	0	25	5	7	6
11	01	01	0	9	26	5	5	3
12	01	00	0	0	27	5	3	3
13		11	0	7	28	5	1	4
14		10	2	8	29	4	9	6
15		09	6	0	30	4	8	0

The use of this Table differs not much from the others, enter the Table with the breadth of your Board or Glass, finding it in the first or sixth Colume, and right against the same you shall find how many Feet, Inches, and parts of an Inch, in length will make a Foot. Example against 10 Inches the breadth of a Board in the first Colume, I find one Foot, 1 Inches, and 4 tenth parts of an Inch in length will make a Foot.

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A Table of the hour and minute of Sun-rising every second day.

days	Januar. ho. mi.	Februa. ho. mi.	March ho. mi.	April ho. mi.	May ho. m.	June ho. mi.
2	3 4	7 15	6 16	5 14	4 21	3 46
4	3 1	7 11	6 12	5 10	4 17	3 45
6	7 58	7 7	6 8	5 6	4 14	3 44
8	7 56	7 3	6 4	5 2	4 11	3 43
10	7 53	6 57	6 0	5 58	4 7	3 43
12	7 51	6 53	5 56	4 54	4 5	3 43
14	7 48	6 50	5 52	4 50	4 2	3 43
16	7 45	6 46	5 48	4 46	4 0	3 44
18	7 43	6 42	5 44	4 43	3 58	3 45
20	7 40	6 38	5 40	4 39	3 56	3 46
22	7 37	6 34	5 36	4 35	3 54	3 47
24	7 33	6 30	5 32	4 32	3 52	3 48
26	7 29	6 26	5 29	4 29	3 50	3 49
28	7 25	6 22	5 25	4 25	3 48	3 50
30	7 21	0 0	5 21	4 22	3 47	3 52

days	July ho. mi.	August ho. mi.	Septem. ho. mi.	Octob. ho. mi.	Novē. ho. m.	Decem. ho. mi.
2	3 54	4 39	5 39	6 41	7 37	8 15
4	3 56	4 43	5 42	6 45	7 40	8 15
6	3 58	4 46	5 46	6 49	7 44	8 16
8	4 0	4 50	5 50	6 52	7 47	8 17
10	4 3	4 54	5 54	6 56	7 51	8 17
12	4 6	4 58	5 58	7 0	7 54	8 17
14	4 8	5 2	6 2	7 4	7 57	8 17
16	4 11	5 6	6 6	7 8	7 59	8 16
18	4 15	5 10	6 11	7 12	8 1	8 15
20	4 18	5 14	6 15	7 15	8 3	8 15
22	4 21	5 18	6 20	7 19	8 5	8 14
24	4 24	5 21	6 24	7 22	8 7	8 12
26	4 27	5 25	6 28	7 25	8 9	8 10
28	4 30	5 29	6 32	7 29	8 11	8 9
30	4 34	5 32	6 36	7 32	8 13	8 7

Seek the day on the side; and right against it, in every month, you have the hour and minute of Sun-rising.

Swallow 1678.

A Table of the ho. and min. of Sun-Setting every 2^d day of the year.

h.	Januar	Februa.	March	April	May	June
h.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.
2	3 56	4 45	5 44	6 46	7 39	8 14
4	3 59	4 49	5 48	6 50	7 43	8 15
6	4 2	4 53	5 52	6 54	7 46	8 16
8	4 4	4 57	5 56	6 58	7 49	8 17
10	4 7	5 3	6 0	7 2	7 53	8 17
12	4 9	5 7	6 4	7 6	7 55	8 17
14	4 12	5 10	6 8	7 10	7 58	8 17
16	4 15	5 14	6 12	7 14	8 0	8 16
18	4 17	5 18	6 16	7 17	8 2	8 15
20	4 20	5 22	6 20	7 21	8 4	8 14
22	4 23	5 26	6 24	7 25	8 6	8 13
24	4 27	5 30	6 28	7 28	8 8	8 12
26	4 31	5 34	6 31	7 31	8 10	8 11
28	4 35	5 38	6 35	7 35	8 12	8 10
30	4 39	0 0	6 39	7 38	8 13	8 8
h.	July	August	Septem.	October	Novem	Decemb
h.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.
2	8 6	7 21	6 21	3 19	4 23	3 45
4	8 4	7 17	6 18	3 15	4 20	3 45
6	8 2	7 14	6 14	3 11	4 16	3 44
8	8 0	7 10	6 10	3 8	4 13	3 43
10	7 57	7 6	6 6	3 4	4 9	3 43
12	7 54	7 2	6 2	3 0	4 6	3 43
14	7 52	6 58	5 58	4 56	4 3	3 43
16	7 49	6 54	5 54	4 52	4 1	3 44
18	7 45	6 50	5 49	4 48	3 59	3 45
20	7 42	6 46	5 45	4 45	3 57	3 45
22	7 39	6 42	5 40	4 41	3 55	3 46
24	7 36	6 39	5 36	4 38	3 53	3 48
26	7 33	6 35	5 32	4 35	3 51	3 50
28	7 30	6 31	5 28	4 31	3 49	3 51
30	7 26	6 28	5 24	4 28	3 47	3 53

A

Swallow 1678.

A plain and easie Table shewing the true Interest due upon any sum of money from five shillings to an hundred pounds, for a year or under, after the rate of six pounds in the hundred.

	1 Mon.	3 Mon.	6 Mon.	9 Mon.	A year.
	lb. p. q.	lb. p. q.	lb. p. q.	lb. p. q.	lb. p. q.
5	0 0 0	0 0 3	0 1 3	0 1 2	0 3 2
10	0 0 0	0 1 3	0 3 2	0 5 0	0 7 0
15	0 0 0	0 2 2	0 5 1	0 8 2	0 10 2
1	0 1 0	0 3 2	0 7 0	0 10 2	1 2 1
2	0 2 1	0 7 0	1 2 1	1 9 1	2 4 2
3	0 3 2	0 10 2	1 9 1	2 7 3	3 6 3
4	0 4 3	1 2 1	3 4 2	3 6 3	4 9 0
5	0 6 0	1 6 0	3 0 0	4 6 0	6 0 0
6	0 7 0	1 9 2	3 7 0	5 4 2	7 2 1
7	0 8 1	2 1 0	4 2 1	6 3 1	8 4 2
8	0 9 2	2 4 2	4 9 1	7 3 1	9 6 3
9	0 10 3	2 8 1	5 4 2	8 0 3	10 9 0
	po. lb. p.	po. lb. p.	po. lb. p.	po. lb. p.	po. lb. p.
10	0 1 0	0 3 0	0 6 0	0 9 0	0 12 0
20	0 2 0	0 6 0	0 12 0	0 18 0	1 4 0
30	0 3 0	0 9 0	0 18 0	1 7 0	1 16 0
40	0 4 0	0 12 0	1 4 0	1 16 0	2 8 0
50	0 5 0	0 15 0	1 10 0	2 5 0	3 0 0
60	0 6 0	0 18 0	1 16 0	2 14 0	3 12 0
70	0 7 0	1 1 0	2 2 0	3 3 0	4 4 0
80	0 8 0	1 4 0	2 8 0	3 12 0	4 16 0
90	0 9 0	1 7 0	2 14 0	4 1 0	5 8 0
100	0 10 0	1 10 0	3 0 0	4 10 0	6 0 0

Find the principal in the first Column, & in the other you have the interest due for one, three, six, nine, or twelve moneths.

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A Table shewing how to find Easter for ever
by the help of the Golden Number
and Dominical Letter.

G.N.	A	B	C	D	E	F	G
i	Apr. 9	10	11	12	6	7	8
ii	Mar. 26	27	28	29	30	31	Apr. 1
iii	Apr. 16	17	18	19	20	14	15
iv	Apr. 9	3	4	5	6	7	8
v	Mar. 26	27	28	29	23	24	25
vi	Apr. 16	17	11	12	13	14	15
vii	Apr. 2	3	4	5	6	Mar. 31	Apr. 1
viii	Apr. 23	24	25	19	20	21	22
ix	Apr. 9	10	11	12	13	14	8
x	Apr. 2	3	Mar. 28	29	30	31	Apr. 1
xi	Apr. 16	17	18	19	20	21	22
xii	Apr. 9	10	11	5	6	7	8
xiii	Mar. 26	27	28	29	30	31	25
xiv	Apr. 16	17	18	19	13	14	15
xv	Apr. 2	3	4	5	6	7	8
xvi	Mar. 26	27	28	22	23	24	25
xvii	Apr. 16	10	11	12	13	14	15
xviii	Apr. 2	3	4	5	Mar. 30	31	Apr. 1
xix	Apr. 23	24	18	19	20	21	22

Yea. of our Lord	1673	1674	1675	1676	1677	1678	1679
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G.N.	2	3	4	5	6	7	8
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D.Le.	E	D	C	BA	G	F	E
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The foregoing Table explained.

BY the former Table you may easily find *Easter*, (and from thence the other Moveable Feasts) in any year to come. The use is thus, You must first know the Golden Number and Dominical Letter for that year in the which you would know when *Easter* will fall, which you may find for 7 years at the bottom of the Table, then enter the Table with the Golden Number in the first Column and the Dominical Letter at the top, and in the common Angle is the day of the moneth whereon *Easter* falleth that year.

Example, this year 1678 the Golden Number is 7, and the Dominical Letter F. I find 7 in the first Column, and I go right forward till I come under F, and there I find the 31 of March upon which day *Easter* falleth this year, thus do for any other year, onely the Leap-year, there being two Dominical Letters, take the last of them and work as before.

Having found *Easter*, you may from thence find the other Moveable Feasts, Shrovesund. is 7 weeks before *Easter*, Rogation-sunday 5 weeks after *Easter*. The Thursday after Rogation is Ascension day, 7 weeks after *Easter* is Whitlunday, the Sunday following is Trinity-sunday, the Thursday after that is *Corpus Christi*.

Advent-sunday, is always the nearest Sunday to the Feast of S. Andrew, whether it be before it or after it.

Directions

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**Directions for Husbandmen, and others for
all the Moneths in the year.**

January.

TRench your ground, and make it ready for the Spring; uncover the roots of Trees as yet where need requires, plant quick-sets, and transplant fruit trees, if not finished before. Set Vines, and prune the old ones, as also Fruit-trees in the decrease of the Moon, Trim and nail up your Wall-fruit, cleanse Trees of moss, gather Cyons for Grafts, before they sprout; and toward the end, if the weather be mild, Graft Pears, Cherries, and Plums, set Pease and Beans, and sow Lettice, and Radish for early Sallets.

February.

PRune Fruit-Trees and Vines as yet, bind, plash, and nail your wall-Fruit before the Buds and Bearers grow turgid. Remove Grass of former years Graffing, cut and lay quicksets, and set Vines as yet, set all sorts of Kernels and stony-seeds, also sow or set Beans and Pease, with hardy pot-herbs, as Radish, Parsneps, Onions, Parsly, Spinage, &c.

Graff in the cleft, Plumbs, Pears, and Apples, the New Moon and the old wood is best. Rub, and scrape moss and Cankers from your Trees, and earth up the roots of those which are yet uncovered, open the passage for your Bees.

March.

PLANTING is yet seasonable (unless in backward and moist ground) especially for Peaches and Nectarines, you may likewise Graff all this moneth, (unless the Spring prove very forward) beginning with Pears, and ending with Apples, Prune your last years Grass, and top your Rose-trees a little, pruning of the dead and withered branches, slip & set sage, Rosemary, Lavender, Thyme. Sow endive, Succory, Leeks, Radish, Parsley, Sorrel, Lettice, Onions, Turneps, Purslan, monethly pease, &c.

C

April.

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April.

NOW you may sow Sweet-Majoran, Hyssop, Basil, Winter-Savoury, Scurvey-grass, Purslane, and all fine and tender seeds, Set French-beans, and sow Turneps to have them early, you may yet slip Lavender, Thyme, Penderoyal, Sage, Rosemary: toward the middle of the moneth begin to plant forth your Melons, and Cucumbers; towards the end, (if the cold winds be past) Clip Phillyrea, Cypress, Box, and such like shrubs.

May.

AS yet sow Sweet-Majoran, Basil, Thyme, Painted-Beans, Carnations, and all herbs and plants which are most tender, plant Stock-gillyflowers in beds at the Full-Moon, shade your Carnations and Gillyflowers about noon in hot days, and pull up weeds in your Corn, and Gardens, before they run to seed, distill plants for waters and spirits, and set your Bees at liberty, looking to them expecting swarms.

June.

SOW Lettice, Radish, &c, to have latter Sallets, and about the middle of the moneth you may begin to Inoculate, cleanse Vines from superfluous and under branches, which bear no fruit, gather herbs to keep dry at the Full Moon, water lately planted trees, and plants, keeping them clear from weeds, sow pease to have them ripe after Michaelmas, also set up Hoofs, Canes, and baits to destroy Insects which spoil your Flowers.

July.

WATER young trees, and layers lately planted, if the weather be dry, and re prune your wall-fruit, preserving

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serving the young and likeliest shoots to bear, pulling off the superfluous leaves which hinder the Sun from coming at the Fruit, Inoculate still, gather seeds which you intend to keep in dry weather, kill Snails or they will spoil your wall-fruit.

August.

Inoculate at the beginning, if you did it not before, and prune as yet superfluous branches, and shoots of this second spring, but be carefull not to expose the fruit without some leaves to keep it from the Sun, continue to cleanse your Vines from exuberant branches, and pull up the suckers. Clip Roses that have now done bearing, cut such herbs, and gather such seeds as you intend to save, in a dry time, before the Full Moon, unbind the buds you Inoculated if they be taken: make your summer Perry and Syder.

September.

Gather now your fruit which is ripe, in dry weather, release Inoculated buds if you did it not before, sow Lettice, Radish, Spinage, &c. Sow also winter herbs and roots and transplant physical herbs. About the Equinox (if you did it not in the Spring) clip Box and prune Pines and Firrs, and toward the end earth up your winter plants and Sallad-herbs, continue Syder-making.

October.

Trench ground for Orchards and Gardens, to lie all winter, plant Trees of all sorts, but chuse no Trees for the wall, of above two years Graffing, and sound and smooth. Lay bare the roots of unthriving, or overhasty-blooming Trees, gather your winter fruit which yet remain, the Moon decreasing, set quick-sets, remove graffs after the second years graffing, sow all stony and hard

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hard kernels and seeds, as also Nuts, Haws, Ashen, Sycomore, and Maple keys; with Acorns, Apple, Pear and Crab kernels for stocks.

November.

Dung and dig your Garden ready for the Spring, also trench and fit your ground for Artichokes. Continue setting, and transplanting of Trees, furnish your Nursery with Stocks, to Graff on the following year, sow and set early Beans and Pease, and cover your tender herbs, flowers and plants from the piercing cold.

December.

Pruner and nail up wall-Fruit, plant Vines and Stocks for grafting, and sow all sorts of seeds for raising of Nurseries, as in the former moneth, continuing to trench and dung your ground, and towards the end prune and nail up your Vines, turn your fruit, and in clear days open the windows where it lies, least it taint, feed now your weak stocks of Bees.

Some general Rules.

IN pruning of Trees. Cut off no great boughs, least the water get in and rot the Trees, but cut away the small boughs, where they are too thick, or such as gall, and are not like to bear, keep Vines very thin, they will bear the better, in Grafting choose a warm time, if the stock be small, let the outside of the Cyon be cut thickest in the wedge, but if the stock be great the contrary; in planting set the same side of your Trees south that was south before, if it may be done with convenience, in cutting, planting, and sowing (if you can) let the Moon be increasing, but gather fruit, and seed which you intend to keep, after the Full Moon, in dry weather. It is best to set such Trees and Plants, as will indure the Cold, at the beginning of winter, for such will be forwarder in growth then those set in the Spring.

The

The Names of the principal Fairs in *England*,
as they have heretofore been set forth by others,
and are now Corrected and continued for the
common good.

January.

THe 5 day at Hicetford in Lancashire, the 6 day at Salis-
bury, Tuesday after at Melton-Mowbray, the Thurs-
day after at Banbury: the third Tuesday in January at
Potton: the 25 at Gravesend, Bristol, Churchinford, Nor-
thallerton in Yorkshire every Wednesday from Christ-
mastill June.

February.

The 1 day at Bromley in Lancashire, the 2 at Reading
in Barkshire, at Maidston, Bicklesworth, Bicklesfield, Bath,
Lyn, Bugworth: the 6 day at Stafford for 6 days: the
14 at Oundle, Feversham: 24 at Henley upon Thames,
Baldock: On Ashwednesday at Royston, Dunstable,
Eaton, Tamworth, Tunbridg, Lichfield, Exeter, Ciceter.
The first Thursday in Lent at Banbury: the 26 at Stanford
an Horse Fair.

March.

The 3 day at Bromel-brakes in Norfolk, 4 at Bedford, at
Oakham: 12 at Alsome in Norfolk, Sudbury, Wooburn,
Stanford, at Wye: 13 at Bodwin in Cornwall: 20 at
Durham, Alesbury: Munday before our Lady day at Ken-
dal, at Wisbich, 25 at Huntington, Northampton, Malden,
Ashwel in Hartfordshire, Newcastle, Oney, S. Albans:
Midlent Saturday at Saffron-walden: Palmfunday-eve
at Wisbich, Worcester, Pomfret, on Goodfriday at Nor-
wich, the Tuesday before Easter at Potton.

April.

Easter Munday at Oney in Bedfordshire, Gainsborough.
Easter Tuesday at Daintry in Northamptonsh. Godman-
chester,

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chester, schole in Norfolk, S. Edmunds-bury. On Wednesday at Wellingborough in Northamptonsh. On Friday in the same week at Darby. On Saturday at Bicklesworth: 2 day at Hitchin, at Rochford, Northfleet: 5 at Wallingford: 7 at Derby, 9 at Billingsworth, Bicklesworth: the 22 at Stabford, 23 at Ipswich, Harbin in Norfolk, Northampton, Sapsar in Hartfordshire, Chacing, Hinningham, Tamworth, Bury in Lancashire. S^t Pombs in Cornwall, Ampthill, Chichester, Engfield, Gilford, Bishops-Hatfield: the 25 at Buckingham, at Bourn in Lincoln, at Colebrook, Dunmow in Essex, Darby, Oakham in Rutlandshire: the 29 at Tenderden in Kent, Cleet. 30 at Beverly 2 week together.

May.

The 1 day at Swaffam, Haveril in Essex, Laytonbuzzard in Huntingtonsh. Rippon in Yorks. Reading, Maidstone, Chelmsford, Leicester, Litchfield, Lexfield in Suffolk, Stow, Stansted, Tuxford in the Clay, the 3 day at Elstow in Bedfordsh, Noneaton in Warwicksh. Thetford in Norfolk, Waltham Abby, Hinningham, Rochdale, Bramyard. the 6 at Almesbury, at Ashford, 7 at Newton in Lancashire, Beverly, Oxford. Bath: the 8 at Maidstone: the 19 at Rochester, Dunstable, Magfield in suffolk. On Rogation Munday at Reach. On Ascension day at Thaxted, Beverly, Rippon, Sudminster, Bishopstratford, S. Neots, Wickham in Lancashire, Middle-wich in Cheshire, Chappel-Frith in Darbish. On Whitfun-even at Skipton in Craven. On Whitfun-Munday at S. Ives, Rygate in Surry, Bicklesworth, Bradford, Agmunsham in Buckinghamsh. On Whitfun-Tuesday at Newmarket. On Wednesday at Royston. Thursday at Owndle in Northamptonsh. 26 at Lenham, 29 at Crainbrook.

June.

Trinity-even at Rowel, Kendal. On Corpus Christi day at Banbury, Bishopstratford, S. Neots, Coventry, Newbury. The 3 at Alesbury: 9 at Maidstone. 11 at Breme in Norfolk, Bardfield in Essex, 17 at Hadstock, 23 at S. Albans,

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bans, Deerham in Norfolk, shrewsbury, 24 at Halsen in Suffolk, Barnwel by Cambridge, Bedford, Colchester, Hartford, Leicester, Rumford, Reading, Windsor, Hallifax, York, Beverly, Haslingden, 26 at Bristol, Darby, 27 at Burton on Trent, Folstone. 28 at S. Pombs in Cornw, 29 at Peterborough, Ashwel, Sudbury, Stebbing in Essex. Benington in Hartfordshire.

July.

The first Tuesday at Potton. The 1, 2, 3 days at Conglestone in Cheshire, 7 at Royston, Burntwood. The Munday after at Fodringham, at Canterbury: the 11 at Partney, 17 at Stevenage: 20 at Uxbridge, Coolidge, Woodstock, the 22 at Ickleton, Bicklesworth, Norwich. Colchester, Newark upon Trent; 25 at Audley-end by Walden, Reading, Baldock, Darby, Dover, Erith, Ipswich, Stamford.

August.

The first day at Bedford, S. Neots, Dunstable, Feverham, Wisbich, Bicklesworth, Thaxted: the 6 at Peterborough: the 10 at Blackmore, Harply in Norfolk, S. Ives, Bedford, Banbury, Farnham, Brainford, Owndle: the 15 at Cambridge, Huntingdon, Dunmow, Luton, Northampton: the 24 at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggars-bush, Burton, the 28 at Ashford, Daintry: the 29 at Halsen in Suffolk, Harlow-Bush in Essex, Watford.

September.

The first day at S. Giles in the Bush. On Thursday and Friday before the 8 day at Sandback in Cheshire. 7, 8, 9, 10 at Woodbury-hill in Dorsetshire, 7 at Ware. 8 at Huntingdon, Bury in Lancashire, Partney, Wakefield, Northampton, Sturbridge fair begins: the 11 at Wolfpit in Suff. 14 at Rippon, Waltham-Abby, Chesterfield in Darbshire, Richmond: the 21 at Marlborough, Bedford, Baldock, S. Edmundsbury, Holden in Holderness, Braintry, Brackly-Maiden, Malden, Mildnal: the 29 at S. Ives, Basingstoke, Marketdeeping, Shelford in Bedfordsh. Bishopstratford, Malden,

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Malden, stow in Lincolnsh. S. Albans, Canterbury, Leicester, Newbury, Westchester, Weymer for 7 days: Thursday after at Banbury.

October.

The 1 day at Salisbury, the 6 at Havent in Hampsh. Maidstone, Coolidge, Gayworth by Lyn. S. Faiths by Norwich, the 8 at Bishopstratford, Harborough, 9 Gainsborough, the 13 at Windsor, Colchester, Gravesend, Hitchin, Royton: the Tuesday before S. Luke at Potton: 18 at Ely, Bishop Hatfield, Barnet, Banbury, Thirst, Burton on Trent, Wellinborough: the 21 at Saffron Walden, Coventry: the 23 at Bickleworth, 28 at Newmarket, Hartford, Oxford, Difs, Wakefield, Stamford, Richdale in Lancashire.

November.

The 1 day at Chelmsford, 2 at Epping, Kingston on Thames, Padamhaston in Suffolk, 6 at Newportpond, Bedford, Hartford, 11 at Lodden in Norfolk, Lenton in Nottinghamshire, Hempton, Fockingham Bridgestock, Marlborough: the 17 at Spalding in Lincolnsh. Lincoln, Harlow, Hide, Northampton: the 19 at Horsham in Kent: the 20 at S. Edmundsbury, Ingerston in Essex, Heath, the 23 at Sandwich, the 30 at Baldock, Bareford, Kollingborough, Maidenhead, Warrington, Rochester, Wakefield, York.

December.

The first day at Tutbury: the 5 at Pluckley: the 9 at S. Neots, at Woodstock, Exeter, Spalding, Norwich in Cheshire, Seven-oak in Kent, Arundel, Grantham: the 7 at Sandhurst, the 8 at Northampton, Clitheral in Lancashire, Huntingdon, Leicester, at Malpas in Cheshire: the 29 at Canterbury, Salisbury.

FINIS.